

## NH Public Utilities Commission

NHPUC 15APR'16AM11:39

REC Aggregator Portal

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New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)

**Basic Information**

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Who is submitting this request?

Aggregator

Aggregator Batch Number

KE041216

Are you registered in NH

- ☒ Yes  
☐ No

Aggregator name

Knollwood Energy - 14625

NH Reg #

Aggregator Email

karenton@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Name

Facility Owner Name

Ian West

Facility Owner email

iandwest@icloud.com

Owner Phone

603-547-5382

Facility Address

35 Iron Works Rd

Facility Town/City

Concord

Facility State

NH

Facility Zip

03301

Is the facility address the same as the owner's mailing address

- ☒ Yes  
☐ No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact

Karen Tenneson

Primary Contact

Facility Primary Contact

karenton@knollwoodenergy.com

Other Email Address

Facility Information

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Class

Utility

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

Date of Initial Operation

Facility Operator Name, if applicable

Panel Quantity

Panel Make

Panel Model

Panel Rated Output

System capacity based on panels

Inverter Quantity

14

Inverter Make

Enphase Energy

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Rated Output - Primary Inverter

215

Rated Output - Additional Inverter

System capacity based on single inverter make

3010

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

3.01

Revenue Grade Meter Make

AEE Solar

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes  
☒ No

Electrician Name & Number

Brian Pare12245M

Other Electrician Name & Number

Installation Company

SunRay Solar

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name & Company

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☒ Yes  
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

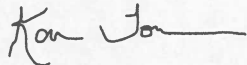
[https://fs30.formsite.com/jan1947/files/f-5-168-6539993\\_iAtiKQuz\\_lan\\_West\\_revised\\_contract\\_part\\_3\\_](https://fs30.formsite.com/jan1947/files/f-5-168-6539993_iAtiKQuz_lan_West_revised_contract_part_3_)

Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-173-6539993\\_zd4ms8BM\\_West\\_SPIA.pdf](https://fs30.formsite.com/jan1947/files/f-5-173-6539993_zd4ms8BM_West_SPIA.pdf)

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Karen Tonnesen

Date Signed

04/12/2016





June 23, 2015

Ian West  
35 Iron Works Rd.  
Concord, NH 03301

Dear Ian:

This letter is to notify you that we have tested your generator (Solar PV) and the inverter system at the following address: 35 Iron Works Rd., Concord, NH

We have replaced your standard meter with a "Net Meter" and you are now authorized to energize your generator and interconnect to the Unitil electric system.

Please, do not hesitate to contact me if you have any further questions or comments.

Warmest regards,

*Valerie Weinand*

Valerie Weinand  
Program Specialist  
Customer Energy Solutions



325 West Road  
Portsmouth, NH 03801

T 603.294.5137 F 603.294.5237 E [weinand@unitil.com](mailto:weinand@unitil.com)

[www.unitil.com](http://www.unitil.com)

## New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Ian West

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Printed Name of signature owner

Ian West

Ian West (Apr 12, 2016)

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Signature of system owner





UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

**Exhibit B - Certificate of Completion for Simplified Process Interconnections**

Installation Information:

☐ Check if owner-installed

Customer(print): Ian West  
Mailing Address: 35 Iron Works Road  
City: Concord State: NH Zip Code: 03301  
Telephone (Daytime): 603-547-5382 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Address of Facility (if different from above): \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Electrical Contractor's Name (if appropriate): SunRay Solar, LLC  
Mailing Address: 124A Hall Street  
City: Concord State: NH Zip Code: 03301  
Telephone (Daytime): 603-225-6001 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: Brian@spreadthesunshine.com  
License number: 12245M

Date of approval to install Facility granted by the Company: 6-1-15

Application ID number: 962

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

Concord / Merrimack  
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): CS

Name (printed): Craig Billingham

Date: 6/15/15

As a condition of interconnection you are required to send/fax a copy of this form to

**Generator Interconnection Applications**  
**Unitil**  
**325 West Road**  
**Portsmouth, NH 03801**  
**Fax: 603-294-5226**



UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

**Simplified Process Interconnection Application and Service Agreement**

Contact Information:

Date Prepared: 04-29-2015

Legal Name and address of Interconnecting Customer (or, Company name, if appropriate)

Customer Name (print): Ian West Contact Person, if Company: \_\_\_\_\_

Mailing Address: 35 Iron Works Road

City: Concord State: NH Zip Code: 03301

Telephone (Daytime): 603-547-5382 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: ianwest@icloud.com

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):

Name: SunRay Solar, LLC

Mailing Address: 249 Loudon Road

City: Concord State: NH Zip Code: 03301

Telephone (Daytime): 603-225-6001 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: justin@spreadthesunshine.com

Rick@spreadthesunshine.com

Electrical Contractor Contact Information (if appropriate):

Name: SunRay Solar, LLC Telephone: 603-225-6001

Mailing Address: 124A Hall Street

City: Concord State: NH Zip Code: 03301

Facility Information:

Address of Facility: 35 Iron Works Road

City: Concord State: NH Zip Code: 03301

Electric Service Company: Unitil Account Number: 1141559-1022612 Meter Number: 453369

Inverter Manufacturer: EnPhase Model Name and Number: M215 Quantity: 14

Nameplate Rating: 215 (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts) Single ☒ or Three \_\_\_\_\_ Phase

System Design Capacity: 3.01 (kVA) \_\_\_\_\_ (kVA)

Net Metering: If Renewably Fueled, will the account be Net Metered? Yes ☒ No \_\_\_\_\_

Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other \_\_\_\_\_

Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other \_\_\_\_\_

UL 1741.1 (IEEE 1547.1) Listed? Yes ☒ No \_\_\_\_\_

Estimated Install Date: \_\_\_\_\_ Estimated In-Service Date: \_\_\_\_\_

Customer Signature

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:

Interconnecting Customer Signature: [Signature] Title: \_\_\_\_\_ Date: 4-25-15

**Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.**

Approval to Install Facility (For Company use only)

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes ☐ No ☐ To be Determined ☐):

Company Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Company waives inspection/Witness Test? Yes ☐ No ☐